| Ref # | Hits | Search Query | DBs | Default Operat or | Plura Is | Time Stamp |
|----------|------|--|---|-------------------------|-------------|---------------------|
| L1 | 70 | (HOU.in. or WAGNER.in. or ZHANG.in. or STEINBRUEK.in. or ANGELO.in. or ANDERSON.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:41 |
| L2 | 62 | (HOU.in. or WAGNER.in. or ZHANG.in. or STEINBRUEK.in. or ANGELO.in. or ANDERSON.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:42 |
| L3 | 44 | (HOU.in. or WAGNER.in. or ZHANG.in. or STEINBRUEK.in. or ANGELO.in. or ANDERSON.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:42 |

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| L4 | 5 | (HOU.in. or WAGNER.in. or ZHANG.in. or STEINBRUEK.in. or ANGELO.in. or ANDERSON.in.) and (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:42 |
|----|-----|--|---|----|----|---------------------|
| L5 | 356 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:53 |
| L6 | 594 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:56 |

| L7 | 224 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:43 |
|----|-----|---|---|----|----|---------------------|
| L8 | 65 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) and (equation or formul\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:46 |
| L9 | | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) and (equation or formul\$4) and ((energy or heat) near4 (equation or formul\$4) near4 (equation or formul\$4)) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:45 |

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| L10 | 222 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) and ((exhaust or cataly\$4) near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 10:10 |
|-----|------|---|---|----|----|---------------------|
| L11 | 64 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) and (equation or formul\$4 or equat\$4) and ((exhaust or cataly\$4) near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:53 |
| L12 | . 10 | ((exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate)).CLM. | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:54 |

| L13 | 9 | ((exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate)).CLM. | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:54 |
|-----|---|---|---|----|----|---------------------|
| L14 | 0 | ((exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) and ((exhaust or cataly\$4) near4 temperature)).CLM. | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:54 |
| L15 | 0 | ((exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or (reduc\$4 near4 agent)) near4 rate) and (space\$4 or volume) and ((exhaust or cataly\$4) and temperature)).CLM. | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:54 |

| L16 | 157 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:57 |
|-----|-----|--|---|----|----|---------------------|
| L17 | 117 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) and (specific\$4 near4 heat\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:57 |
| L18 | 112 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) and (specific\$4 near4 heat\$4) and (temperature near4 (detector or sensor)) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 09:58 |

| L19 | 110 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy | US-PGPU B; USPAT; USOCR; FPRS; EPO; | OR | ON | 2007/09/29 09:58 |
|-----|-----|---|---|----|----|---------------------|
| | | or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) and (specific\$4 near4 heat\$4) and (temperature near4 (detector or sensor)) and (area) | JPO; DERWEN T; IBM_TD B | | | |
| L20 | 108 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) and (specific\$4 near4 heat\$4) and (area) and (coefficient\$4) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 10:00 |

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|-----|-----|---|---|----|----|---------------------|
| L21 | 107 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) and (specific\$4 near4 heat\$4) and (area) and (coefficient\$4) and (temperature near4 (detector or sensor)) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 10:00 |
| L22 | 41 | (exhaust near3 gas) and (engine) and (cataly\$4) and ((particulat\$4 or particle\$4 or soot) near4 (trap or filter)) and (regenerat\$4) and (energy or heat) and ((reductant or fuel or reduc\$4) near4 rate) and ((averag\$4 or "mean") near4 temperature) and (specific\$4 near4 heat\$4) and (area) and (coefficient\$4) and ((first and second) or (upstream or downstream)) near4 (detector or sensor)) and ((temperature) near4 (detector or sensor)) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 10:03 |

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| L23 | 3 | 22 not (oil near4 shell) | US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD | OR | ON | 2007/09/29 10:07 |
|-----|---|--------------------------|---|----|----|---------------------|
| L24 | 7 | 20 not (oil near4 shell) | B US-PGPU B; USPAT; USOCR; FPRS; EPO; JPO; DERWEN T; IBM_TD B | OR | ON | 2007/09/29 10:07 |